

Micro Vickers Hardness Tester DHV-1000



Features:

- New high-tech product integrating mechanical and photoelectrical technologies
- Equipped with a digital microscope, direct display of the measuring method, test force, indentation length, hardness value, dwell time of test force
- Camera device can be connected via RS232 interface
- Especially suitable for testing the hardness of micro and thin specimen, fragile material
- By means of a 10× objective and a 40× objective, the tester has wide measurement and high accuracy
- Optional Knoop indenter can be used to measure Knoop hardness value

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Technical Specification:

Test Forces	(0.098, 0.246, 0.49, 0.98, 1.96, 2.94, 4.90, 9.80) N (10, 25, 50, 100, 200, 300, 500, 1000) gf
Carriage Control: automatic	loading / dwell / unloading
Amplification of the Microscope	100 ×、 400 ×
Dwell Time of the Test Force	(5-60)s
Min. Graduation Value of the Testing Drum Wheel	0.0625um
Testing Field	1HV-2967HV
Dimension of the XY Table	100 × 100 mm
Movement Field of the XY Table	25 × 25mm
Max. height of the specimen	70mm
Max. width of the specimen	95mm
Light source	cold light source
Power supply	110V/220V, 60/50Hz
Dimension	425 × 245 × 490mm

Standard Delivery:

● DHV-1000 main unit	1	● Power cord	1
● Weights	6	● 10× numerical microscope	1
● Cross testing table	1	● Vickers hardness blocks	2
● Platelet fixture	1	● Repair fuses (1A)	2
● Plane-holding fixture	1	● Weight shaft	1
● Filament fixture	1	● Instruction manual	1
● Screw driver	2	● TIME certificate	1
● Horizontal regulation screws	4	● Warranty card	1
● Level	1		

Optional Accessory:

● Knoop indenter	● Grinding machine	● Mosaic machine
● LCD device	● Cutting machine	